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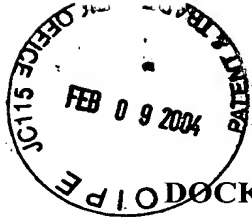
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DOCKET NO.: SNL-0004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Jason A. A. West, et al.

Application No.: 10/701,097

Filing Date: November 4, 2003

**For: MICROFLUIDIC INTEGRATED MICROARRAYS FOR BIOLOGICAL
DETECTION**

Confirmation No.:

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

DATE OF DEPOSIT: *February 4, 2004*

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Jeffrey H. Rosedale

TYPED NAME: **Jeffrey H. Rosedale**
REGISTRATION NO.: **46,018**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;

or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

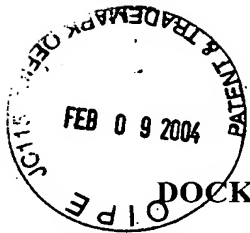
☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☒ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No.

, filed .



DOCKET NO.: SNL-0004

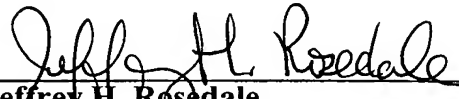
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PATENT

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: February 4, 2004



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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. SNL-0004	Application No. 10/701,097
	Applicant Jason A. A. West, et al.	
	Filing Date November 4, 2003	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1	Alarie, J.P. et al., "Electroosmotically Induced Hydraulic Pumping on Microchips", <i>Micro Total Analysis Systems</i> , 2001 , 131-132
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	3	Cheek, B.J. et al., "Chemiluminescence Detection for Hybridization Assays on the Flow-Thru Chip, a Three-Dimensional Microchannel Biochip", <i>Anal Chem</i> , 2001 , 73, 5777-5783
	4	Doermann, A.H., "Genetic Control of Capsid Length in Bacteriophage T4. Isolation and Preliminary Description of Four New Mutants", <i>J. Virol</i> , 1973 , 12(2), 374-385
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	7	Kustos, I. et al., "Capillary Electrophoretic Analysis of Wild Type and Mutant <i>Proteus penneri</i> Outer Membrane Proteins", <i>Electrophoresis</i> , 2000 , 21, 3020-3027
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*	10	Morbidity and Mortality Weekly Report, Atlanta, Ga., CDC:105
EXAMINER		DATE CONSIDERED

* A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner



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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	11	Schena, M. et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", <i>Science</i> , 1995 , 270, 467-470	
	12	Svec, F., "Porous Monoliths: The Newest Generation of Stationary Phases for HPLC and Related Methods", <i>Recent Developments in LC Column Technology</i> , June 2003 , 2-6	
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	21	Available Techs: Monolithic Polymers Revolutionize Microfluids Devices, http://www.lbl.gov/Tech-Transfer/collaboration/techs/lbnll739.html , May 19, 2003 , 2 pages	
	22	"Microarrays: Chipping Away at the Mysteries of Science and Medicine", http://www.ncbi.nlm.nih.gov/About/primer/microarrays.html , May 9, 2003 , 11 pages	
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	26	5,132,012	07/21/92	Miura, et al.	210	198.2
	27	5,194,133	03/16/93	Clark, et al.	208	299
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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

EXAMINER	DATE CONSIDERED
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Examiner Initial		Document No.	Date	Country	Translation	
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EXAMINER				DATE CONSIDERED		